

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1-23. (Canceled)

24. (Previously presented) A streaming data playback apparatus comprising:
a playback circuit which reproduces streaming data from a recording medium;
an interface circuit which performs a scramble process on the streaming data
reproduced by the playback circuit and adds copy control information to the scrambled streaming
data for transmission to a destination apparatus;

wherein the interface circuit exchanges key information used for the scramble
process and a descramble process with the destination apparatus for the streaming data by
performing an authentication process with the destination apparatus; and

during transmission of the streaming data from the recording medium to the
destination apparatus, the interface circuit changes the copy control information, refuses to
perform an authentication process with any apparatus other than the destination apparatus, and
after the transmission of the streaming data, deletes the streaming data on the recording medium,

wherein the copy control information is changed depending on whether the
streaming data is retained on the recording medium for playback after transmission thereof or
whether the streaming data is deleted from the recording medium after transmission thereof.

25. (Previously presented) A streaming data playback apparatus comprising:
a playback circuit which reproduces streaming data from a recording medium;
an interface circuit which performs a scramble process on the streaming data
reproduced by the playback circuit and adds copy control information to the scrambled streaming
data for transmission to a destination apparatus;

wherein the interface circuit establishes a channel to the destination apparatus of the streaming data for transmission of the streaming data;

wherein the interface circuit exchanges key information used for the scramble process and a descramble process with the destination apparatus by performing an authentication process with the destination apparatus; and

wherein when transmitting the streaming data from the recording medium to the destination apparatus, the interface circuit changes the copy control information, disconnects channels other than the channel used for transmitting the streaming data to the destination apparatus, and after the transmission of the streaming data, deletes the streaming data on the recording medium,

wherein the copy control information is changed depending on whether the streaming data is retained on the recording medium for playback after transmission thereof or whether the streaming data is deleted from the recording medium after transmission thereof.

26. (Previously presented) The streaming data playback apparatus according to claim 25, wherein, when transmitting the streaming data to the destination apparatus on the channel, the interface circuit refuses to authenticate any apparatus which tries to share the key information used in the channel.

27. (Previously presented) A streaming data playback apparatus comprising:
a playback circuit which reproduces streaming data from a recording medium;
an interface circuit which performs a scramble process on the streaming data reproduced by the playback circuit and adds copy control information to the scrambled streaming data for transmission to at least a first and a second destination apparatus;

wherein the interface circuit establishes a first channel to a first destination apparatus of the streaming data for transmitting the streaming data, and a second channel to a second destination apparatus of the streaming data for transmitting the same streaming data;

wherein the interface circuit exchanges first key information used for the scramble process and a descramble process with the first destination apparatus by performing an

authentication process with the first destination apparatus, and exchanges second key information, different from the first key information, used for the scramble process and the descramble process with the second destination apparatus by performing the authentication process with the second destination apparatus; and

when transmitting the streaming data from the recording medium to the at least first and second destination apparatus, the interface circuit adds to the scrambled streaming data on the first channel the copy control information indicating that the transmitted streaming data may be recorded into a recording device, and the interface circuit changes the copy control information, adds to the scrambled streaming data on the second channel the copy control information indicating that the transmitted streaming data can not be recorded by a recording device, and deletes the streaming data on the recording medium after the streaming data transmission,

wherein the copy control information is changed depending on whether the streaming data is retained on the recording medium for playback after transmission thereof or whether the streaming data is deleted from the recording medium after transmission thereof.

28. (Previously presented) The streaming data playback apparatus according to claim 27 wherein the first destination apparatus comprises a recording device and the second destination apparatus comprises a display device.

29. (Previously presented) A streaming data playback apparatus comprising:
a playback circuit which reproduces streaming data from a recording medium;
an interface circuit which performs a scramble process on the streaming data reproduced by the playback circuit and adds copy control information to the scrambled streaming data for transmitting the scrambled streaming data and the copy control information to a recording device;

wherein when transmitting the streaming data, the interface circuit changes the copy control information added to the scrambled streaming data depending on a first case that the streaming data is retained on the recording medium after the streaming data transmission and

a second case that the streaming data on the recording medium is deleted from the recording medium after transmission of the streaming data, and

in the second case, when the data transmitted is deleted, the interface circuit interrupts the recording operation and changes the copy control information, and when the interface circuit detects that the transmission of the streaming data fails to proceed, reading of the data is stopped and the data remaining on the recording medium at that moment is retained.

30. (Previously presented) The streaming data playback apparatus according to claim 29 wherein:

in the first case, the interface circuit adds to the scrambled streaming data the copy control information indicating that the transmitted streaming data can not be recorded into a recording device; and

in the second case, the interface circuit adds to the scrambled streaming data the copy control information indicating that the transmitted streaming data may be recorded into a recording device.